

P27944

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/537,252

INTERNATIONAL APPLICATION NO.  
PCT/JP2003/015398INTERNATIONAL FILING DATE  
2 December 2003PRIORITY DATE CLAIMED  
2 December 2002TITLE OF INVENTION  
METHOD FOR REMOVING LEUKOCYTES, LEUKOCYTE REMOVAL FILTER AND THE USE THEREOFAPPLICANT(S) FOR DO/EO/US  
Masayuki KIMURA and Yukihiro YAMADA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.

1. ☐ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (23) indicated below.
4. ☐ The US has been elected (PCT Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154 (d) (4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  
"EXECUTED"
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 22 below concern other document(s) or information included:**

11. Assignee: ASAHI KASEI MEDICAL CO., LTD. of Tokyo, Japan
12. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
13. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
14. ☐ A FIRST preliminary amendment.  
☒ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ An Application Data Sheet under 37 C.F.R. 1.76.
16. ☐ A substitute specification.
17. ☐ A power of attorney and/or change of address letter.
18. ☐ Figure of Drawing to be published: 5
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154 (d) (4).
21. ☐ A second copy of the English language translation of the international of the international application under 35 U.S.C. 154 (d) (4).
22. ☒ Other items or information:  
Cover Letter.  
Copy of Notification of Missing Requirements (PCT/DO/EO/905).

|   |  |                               |  |                          |  |
|---|--|-------------------------------|--|--------------------------|--|
| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) |  | INTERNATIONAL APPLICATION NO. |  | ATTORNEY'S DOCKET NUMBER |  |
| 10537,252                                       |  | PCT/JP2003/015398             |  | P27944                   |  |

|  |              |   |            |                       |              |
|--|--------------|---|------------|-----------------------|--------------|
| 23 <input type="checkbox"/> The following fees are submitted:<br>Basic national fee.....300.00   |              |   |            | CALCULATIONS          | PTO USE ONLY |
|  |              |   |            | \$ 0.00               |              |
| 24 <input type="checkbox"/> Examination Fee<br>If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33 (1)-(4).....100.00<br>All other situations.....200.00   |              |   |            | \$ 0.00               |              |
|  |              |   |            |                       |              |
| 25 <input type="checkbox"/> Search fee<br>Search fee (37 CFR 1.445(a) (2)) has been paid on the international application to the USPTO as an International Searching Authority.....100.00<br>International Search Report prepared and provided to the Office.....400.00<br>All other situations.....500.00 |              |   |            | \$ 0.00               |              |
|  |              |   |            |                       |              |
| TOTAL 23, 24 and 25 =  |              |   |            | \$ 0.00               |              |
| <input type="checkbox"/> Additional Fee for Specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.                                 |              |   |            |                       |              |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |                       |              |
| -100=  | /50 =        |   | x \$250.00 | \$ 0.00               |              |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).   |              |   |            | \$130.00              |              |
| Claims   | Number Filed | Number Extra  | Rate       |                       |              |
| Total Claims   | 26 - 35 =    | 0   | x \$50.00  | \$ 0.00               |              |
| Independent Claims   | 2 - 3 =      | 0   | x \$200.00 | \$ 0.00               |              |
| Multiple Dependent Claim(s) (if applicable)  |              |   | + \$360.00 | \$ 0.00               |              |
| TOTAL OF ABOVE CALCULATIONS =  |              |   |            | \$130.00              |              |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |   |            | \$ 0.00               |              |
| SUBTOTAL =   |              |   |            | \$130.00              |              |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (i)).   |              |   |            | \$ 0.00               |              |
| Extension of Time fee in the amount of \$  |              |   |            | \$ 0.00               |              |
| TOTAL NATIONAL FEE =   |              |   |            | \$130.00              |              |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |              |   |            | \$ 0.00               |              |
| TOTAL FEES ENCLOSED =  |              |   |            | \$130.00              |              |
|  |              |   |            | Amount to be refunded | \$           |
|  |              |   |            | Charged               | \$           |

a. ☒ A check in the amount of \$ 130.00 to cover the above fees is included.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.

c. ☒ The U.S. Patent and Trademark Office is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0089.

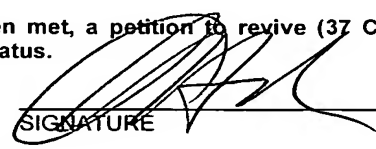
d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO CUSTOMER NO. 07055  
AT THE PRESENT ADDRESS OF:

Bruce H. Bernstein  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clark Place  
Reston, VA 20191  
(703) 716-1191

**Arnold Turk**  
Reg. No. 33094

  
SIGNATURE  
Bruce H. Bernstein  
NAME  
29,027  
REGISTRATION NUMBER



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
|-----------------------------|-----------------------|------------------|
| 10/537,252                  | Masayuki Kimura       | P27944           |

INTERNATIONAL APPLICATION NO.

PCT/JP03/15398

I.A. FILING DATE

PRIORITY DATE

12/02/2003

12/02/2002

07055

GREENBLUM & BERNSTEIN, P.L.C.  
1950 ROLAND CLARKE PLACE  
RESTON, VA 20191

**RECEIVED**

DEC 08 2005

GREENBLUM &amp; BERNSTEIN PLC

CONFIRMATION NO. 1417

371 FORMALITIES LETTER



\*OC000000017592093\*

Date Mailed: 12/07/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/01/2005
- Copy of the International Search Report filed on 06/01/2005
- Copy of IPE Report filed on 06/01/2005
- Preliminary Amendments filed on 06/01/2005
- Information Disclosure Statements filed on 06/01/2005
- Request for Immediate Examination filed on 06/01/2005
- Copy of references cited in ISR filed on 06/01/2005
- U.S. Basic National Fees filed on 06/01/2005
- Priority Documents filed on 06/01/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

**PART 1 - ATTORNEY/APPLICANT COPY**

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/537,252                  | PCT/JP03/15398                | P27944           |

FORM PCT/DO/EO/905 (371 Formalities Notice)